

To: Irizarry, Gilberto[Irizarry.Gilberto@epa.gov]
From: Burns, Francis
Sent: Wed 2/12/2014 3:43:21 PM
Subject: FW: Fields Creek Coal Slurry Spill

From: binetti, victoria
Sent: Wednesday, February 12, 2014 10:39 AM
To: Olone, Dan; Olive, Robert; Poy, Thomas; McGuigan, David; Price-Fay, Michelle
Cc: Arguto, William; Wisniewski, Patti-Kay; Kanetsky, Charles; Matlock, Dennis; Johnson, KarenD; Burns, Francis; Ferrell, Mark
Subject: FW: Fields Creek Coal Slurry Spill

From: Jerry Schulte [<mailto:jschulte@orsanco.org>]
Sent: Wednesday, February 12, 2014 10:27 AM
To: Huntington Water; Ashland Water; Russell Water - Frank Stephenson; Ironton Water; Portsmouth Water; Gregory England; Whitteberry, Bruce; Mary Carol Wagner
Cc: Mike Eggert; Mike Baker; Jim Mehl; dave.riley@epa.ohio.gov; susan.schell@epa.ohio.gov; Mike Sherron; robert.francis@ky.gov; Julie Roney; Smith, Art; binetti, victoria; Peter Tennant; Lila Ziolkowski; Travis Luncan; Spills Blackberry
Subject: Fields Creek Coal Slurry Spill

All-

A release of 108,000 gallons of coal slurry occurred at 0615 to Fields Creek on Tuesday, Feb. 11. Fields creek is a tributary to the Kanawha River, entering the Kanawha River at Kanawha river mile 71.3 on the left descending bank (near Diamond, WV). Marmet locks and dam are located 3.6 miles downstream of the Eagle Creek/Kanawha River confluence at Kanawha river mile 67.7. The Elk River/Kanawha River confluence is at Kanawha river mile 58; Winfield locks and dam are located at Kanawha river mile 31.1. Both Marmet and Winfield dams are tainter gate structures, which draws water UNDER the dam, not over it. However, as of this morning, all tainter gates at Marmet are down/closed with all flow going through the hydropower plant; Winfield is only running 2' of gate on the dam with the remainder going through the hydro. The velocity of the Kanawha River at Charleston is 0.8 miles per hour this morning, and is decreasing.

Time of travel estimates using yesterdays flow information is as follows:

113 miles to WV AM Water, Huntington, from the spill site. 74 miles on the Kanawha, 39 miles on the Ohio = 113. Kanawha River velocity at Charleston is 1.07 mph; at Huntington it is 1.5 mph. 74 mile @ 1.07 = 69.2 hours; 39 miles @ 1.5 = 26 hours, total time of travel to Huntington, 95.2 hours, 3.96 days. Starting today @ 0615 hours, arrival time at Huntington is projected to be Friday, Feb 14 at 0600. Arrival time to Ashland, KY is Friday, Feb 14 at 1600 hours.

Information on the spill received this morning is as follows:

Can confirm that use of MCHM at this operation ceased prior to spill.

Initial estimate of 108,000 gallons of slurry are checking out to be accurate. We will have our samples back today early afternoon. No additional impact is expected at this time. Another note from what I saw last night, company was successful to some degree in containing much of the spill at least the larger particles on site. Didn't do much for the appearance of water but did minimize some of the deposition to stream which we will be assessing today

I will update you as I receive information.

Jerry

Jerry G. Schulte

Manager, Source Water Protection and Emergency Response

Ohio River Valley Water Sanitation Commission, ORSANCO

5735 Kellogg Ave.

Cincinnati, Ohio 45230

www.orsanco.org

www.facebook.com/ORSANCO

Office: 513.231.7719 ext 104

Mobile: 513.260.8249